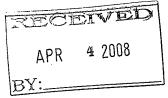
Form C-104 Rev. 2/01



CONSTRUCTION VALUE ENGINEERING CONCEPT PROPOSAL MISSOURI DEPARTMENT OF TRANSPORTATION

			Date $\frac{04/03/2008}{1}$		
Contract ID	080125-608		Job No. J6P1985		
County St. Louis		Route 141	Original Bid Cost \$1,263,993.15		
Contractor	N.B. West Contract:	ng Company	By Michael T. Manion		
Designed By	Randall Glaser		Phone (314) 962-3145		
l	E#08-20	l			
1. Description	on of existing requir	ements and proposed o	change(s). Advantages/Disadvantages		
		nent repairs & 36.6 Tor transitions. (1 3/4" on e	ns of Furn & Place asphalt. ach end of old rte 21).		
Change: (Cold mill (up to 1 3/4	" max.) of existing mate	erial under cold milling 3 inch or less item set up.		
2. Estimate o	of reduction in const	ruction costs.	\$21,886.42		
3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.					
		e cost by removing the fitiple repairs in one locat	ailed asphalt prior to applying the BP-1 overlay.		
4. Anticipate Specificati		of detailed change(s)	of items required by Section 104.6 of the		
	04/07/2008				
		(date)			
	or issuing a change n time or delivery sc	order to obtain maxim	um cost reduction, noting the effect of contract		
04/	14/2008				
((date)	· · · · · · · · · · · · · · · · · · ·	(effect)		
6. Dates of a	ny previous or conci	ırrent submission of th	ne same proposal.		
		04/03/20	08		
		(date and/or	dates)		

Additional Comments:

N.B West would be able to mill and fill this area in one day compared to 2 or 3 days. This will reduce lane closures on this section.

** Portion Below This Line To Be Filled Out by MoDOT **

		- Control of the Cont				
Comments:	All members of the core team are in agreement with this VE. Because the existing layer of Bituminous Material is in such bad shape, removal and replacement is a much sounder engineering decision, not to mention it will save time and money to this contract. The MoDOT Project Manager reviewed this concept and finds it acceptable to mill and replace 1-3/4" only with BP-1 asphalt. I find this Value Engineering Concept Proposal acceptable.					
	/ en	e Jonn	04/04/2008			
		Submitted By Resident Engineer	Date			
Comments	٨١					
Comments.	AS NOTED	ABOVE.				
Approval Recommended Lange 1-4-08						
Rejectio Recomn		District Engineer	Date			
* .						
Comments: Based on the understanding that all unstable material will be						
Comments: Based on the understanding that all unstable material will be removed prior to resurfacing with BP-1						
		V				
✓ Approva	al /	Dave ahlrers	4/7/08			
Rejectio	n	State Operations Engineer	Date			